HP Compaq nc8230 series Notebook PCs

HP recommends Microsoft® Windows® XP Professional

Mobility life

HP Compaq Notebooks and Tablets are thoughtfully designed with security, ease of use and reliability in a convenient business-essential mobile office. Together these key areas help form the basis to provide users a better mobile experience by allowing them to quickly and easily access and use information where and when they need it.

Widescreen, performance and graphics

The HP Compaq nc8230 series offers high-performance processing and graphics capabilities in a travel-friendly, thin and wide form factor. Mobile professionals will like the sleek design and enjoy the advantages of a 15.4-inch widescreen display all in a notebook with desktop equivalent performance. The HP Compaq nc8230 series also incorporates Intel® Centrino™ Mobile Technology to provide wireless[1] connectivity and improved battery performance. Battery life is key for the mobile user, which is why the HP Compaq nc8230 series offers HP patented power down NIC technology, Intel Pentium M processors supporting Enhanced Intel SpeedStep Technology, Intel Display Power Saving technology and high-capacity batteries to extend battery life. Mobile professionals will appreciate that the HP Compaq nc8230 series provides up to four hours of battery life; battery life can be extended by up to four more hours with the addition of the uniquely designed travel battery that offers the convenience of charging while the notebook is docked. The nc8230 series also has enhanced standby time (over 1 week), which enables users to be productive for days on end.

Security

Protect your notebook from unauthorized access with enhanced security features: HP ProtectTools, integrated Smart Card Reader, Embedded Security Module (optional), and HP Drivelock technology help prevent data from being compromised if your notebook is lost or stolen.

Ease of use

Businesses have varying, diverse environments and the HP Compaq nc8230 series was built with versatility in mind, allowing customers to choose the features and options that most appropriately fit their business needs. In an effort to maximize the mobile experience, HP has developed many ease of use features including the touchpad scroll zone, which enables users to seamlessly maneuver through documents or web pages, and the ambient light sensor, an extremely convenient feature that adjusts the brightness of the display based on the environment. The new ultra-slim MultiBay II allows users to utilize a variety of devices, and a simple soft-touch eject mechanism enables easy, almost effortless one-handed removal of MultiBay II devices. The optional HP Docking Station solutions have been designed to easily attach with the notebook, conveniently manage cables and provide clear indication to users when they have a solid connection. The HP Compaq nc8230 series has a wide range of wired and wireless[1] options to get connected and now offers HP Wireless Assistant enabling users to easily identify, manage, and turn on or off their wireless devices as necessary, which can help optimize battery life.

Reliability

The HP Compaq nc8230 series is designed to meet tough business standards by providing users with a variety of reliability features and a durable design that will give them confidence in their computer. The HP Mobile Data Protection System helps protect the hard drive from shock and vibration and helps reduce the risk of data corruption. The scratch-resistant In-mold Lamination keeps the notebook PC looking newer longer. The HP Panel Protection System helps prevent the display from scuffing and scratching. The spill-resistant keyboard helps minimize the risk of damage to sensitive, critical components underneath the

High-end performance in a thin, widescreen design

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Specifications

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Processor	Intel Pentium M processor 770† (2.13-GHz, 533-MHz FSB, 2-MB L2 cache) Intel Pentium M processor 760† (2.0-GHz, 533-MHz FSB, 2-MB L2 cache) Intel Pentium M processor 750† (1.87-GHz, 533-MHz FSB, 2-MB L2 cache) Intel Pentium M processor 740† (1.73-GHz, 533-MHz FSB, 2-MB L2 cache) Intel Pentium M processor 730† (1.6-GHz, 533-MHz FSB, 2-MB L2 cache) †Intel's numbering is not a measurement of higher performance.			
Chipset	Mobile Intel 915PM Express Chipset			
Memory	DDR II SDRAM, 400 or 533-MHz, two SODIMM slots, 256/512/1024-MB upgradeable to 2048-MB maximum			
Hard drive	40/60/80-GB 5400 rpm, 60-GB 7200 rpm			
MultiBay II devices	Ultra-slim 9.5-mm drives: 2X DVD+/-RW, 24X DVD/CD-RW Combo, 8x DVD-ROM, second hard drive[4]			
Display	15.4-inch WXGA (1200 x 800 resolution and 16 M colors), 15.4-inch WSXGA+ wide-viewing angle (1680 x 1050 resolution and 16 M colors), 15.4-inch WUXGA wide-viewing angle (1920 x 1200 resolution and 16 M colors), ambient light sensor			
Graphics	ATI Mobility Radeon X600 with discrete PCI Express and 64 MB or 128 MB of video memory			
Audio	HP Premier•Sound 16-bit sound, line out/headphone jack, microphone jack, integrated microphone			
Wireless[1] support	Intel Pro/Wireless 2200BG, Intel Pro/Wireless 2915ABG (Centrino capable), Broadcom 802.11b/g WLAN, Broadcom 802.11a/b/g WLAN, dual display mounted antennas, optional integrated Bluetooth™[2]			
Communications	NetXtreme Gigabit PCI Express Ethernet Controller[3] (10/100/1000 NIC), 56K modem, HP power down NIC technology			
Expansion slots	1 Type I/II PCMCIA PC card slot supports 32-bit CardBus and 16-bit cards, 1 integrated Smart Card Reader, 1 secure digital slot			
Ports and connectors	3 USB 2.0, VGA, audio in/out, power, RJ-11, RJ-45, S-video TV out, serial, 1394, Fast IR, docking, HP Travel Battery			
Keyboard	Full-sized keyboard			
Pointing device	Enhanced dual pointing devices (touchpad and pointstick) with three pick buttons or touchpad only with two pick buttons, both come with scroll zone			
Operating system	Microsoft Windows XP Professional Edition Microsoft Windows XP Home Edition (select countries only) FreeDOS			
Software	Operating system updates	Microsoft Windows Media Player 10 Microsoft .NET Framework 1.1 Microsoft DirectX 9 Sun Java™ VM	Applications and utilities	HP Mobile Printing Driver for Windows HP Wireless Assistant – select models Adobe Acrobat Reader HP Client Manager Software (available from the web)
	Security and recovery	HP Local Recovery Norton AntiVirus	Data burning	Sonic RecordNow 7 – select models Sonic DLA 4 – select models
	DVD playback	Intervideo WinDVD 5 – select models	Digital video	Intervideo WinDVD Creator 2 – select models
Security	HP ProtectTools, HP Drivelock, integrated Smart Card Reader, Embedded Security Module (optional), Kensington lock slot			
Dimensions (h × w × d)	1.1 in (at front) x 14.0 in x 10.4 in /28 mm (at front) x 356 mm x 264 mm			
Weight	Starting at 5.7 lb/2.58 kg			
Power	8-cell high-capacity Lithium-Ion battery, secondary 8-cell HP Travel Battery[4], external 90W AC adapter, HP Fast Charge technology			
Expansion solutions[4]	HP Docking Station	HP Advanced Docking Station	HP External MultiBay II	
Warranty	Three-year standard parts and labor warranty, depending on model (upgrades available[4]).			

[1] Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.
[2] Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license.
[3] The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
[4] Sold separately.

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